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No. 52]

NEW DELHI, SATURDAY, DECEMBER 26, 1970 (PAUSA 5, 1892)

इस भाग में भिन्न पृष्ठ संख्या की जाती है जिससे कि यह अलग संकलन के क्षम में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिकृत जारी और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 26th December 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

5th December 1970

129507. P. Solanki. Multipurpose folding furniture.

129508. Johnston Pumps (India) Limited. Improvements in or relating to siphon breaker for pumps.

129509. B. B. Bhargava. Contra-rotating synchronous machine.

129510. Council of Scientific and Industrial Research. Improvements in or relating to electro deposition from linseed oil maleic acid/anhydride resins on milk steel.

129511. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of mercuric oxide electrodes for use in alkaline mercuric oxide cells.

129512. Council of Scientific and Industrial Research. A process for the production of charcoal for use in detonators.

129513. Council of Scientific and Industrial Research. Synthesis of 10, 11-Dihydro-5H-Dibenzo (a, d) Cyclohepten-5-ones.

129514. Esso Research and Engineering Company. Thiocarbamic acid ester pesticides.

129515. Girling Limited. Improvements in hydraulic systems for vehicles. (17th February 1970).

129516. Conch International Methane Limited. Suspended ceilings. (20th February 1970).

129517. Farbenfabriken Bayer Aktiengesellschaft. Stillbene compounds.

129518. Sulzer Brothers Limited. Ammonia synthesis process and plant.

7th December 1970

129519. The English Electric Company Limited. Relay power supply. (16th December 1969).

129520. Joseph Lucas (Industries) Limited. Rotary electrical machines. (18th December 1969).

129521. Joseph Lucas (Industries) Limited. Lamp failure warning circuits for road vehicles. (19th December 1969).

129522. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the preparation of steroids.

129523. Sandoz Ltd. Improvements in or relating to organic compounds. (8th December 1969).

129524. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. A method and arrangement for supplying silver to a fine spinning machine.

129525. Keniti Yamasita. A method for manufacturing concrete blocks having a rough decorative surface and a device for manufacturing molded slabs from which said blocks are made.

129526. Sandoz Ltd. New stilbene compounds.

129527. Sandoz Ltd. New Basix Azo Dyes, Their Production and Use.

129528. Stauffer Chemical Company. Insecticidal active compound and process for manufacturing the same.

129529. Emhart Corporation. Molten glass gob distribution system.

129530. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel steroids of the pregnane series.

129531. Asahi Kasei Kogyo Kabushiki Kaisha. Method and product for anchoring yarn tail of a bobbed yarn mass.

129532. Ryutaro Yoritomi. Apparatus for continuous dehydration.

129533. Veb Chemiefaserkombinat Schwarza "Wilhelm Pieck". Process for drawing of threads from synthetic linear higher polymers.

129534. Manohar Industries. Improvements in or relating to a prefabricated structure for use in irrigation systems.

129535. M. G. Industries. Improvements in or relating to flour sifter and the like.

129536. K. D. Kalra. An atmospheric pressure device.

9th December 1970

129537. N. L. Rangiah. Improvement to sewing machine babin to feed continuous thread to needle from the bottom.

129538. Bishnupriya Panda. Universal sliding frame with ball bearing rollers, and different appliances involving transmission of power through the rolling of the same frame along a pair of tracks.

129539. S. Gregory. Improved model of oil bath gear case (full chain cover) for bicycles.

129540. Porvair Limited. Polyurethanes. (9th December, 1969).

129541. Union Carbide Corporation. Annealing tower.

129542. Esso Research and Engineering Company. Improved process for the preparation of cyclopropyimethyl alkyl amines.

129543. Gevaert-Agfa N. V. Device for drying photographic material.

129544. Westinghouse Electric Corporation. Improvements in or relating to luminescent compositions.

129545. Westinghouse Electric Corporation. Improved calcium gallate composition activated by manganese and method of preparation.

129546. Nippon Kokan Kabushiki Kaisha. A coating method for zinc-plated steel products.

129547. Leningradsky Metallichesky Zavod imeni XXII Siezda Kpss. Rotation speed governor for a hydraulic turbine loaded by an electric power generator.

129548. Khimiko-farmaceutichesky Ordena Trudovogo Krasnogo Znameni Zavod imeni L. Ya. Karpova. Method of preparing Nutrient Medium for production of Oxytetracycline.

129549. Sarathai Electronic Research Center. A system adapted to be incorporated in a television circuit.

129550. Freeport Sulphur Company. Production of elemental sulfur from hydrogen sulfide.

129551. Freeport Sulphur Company. Increasing the rate of reaction in reducing calcium sulfate to calcium sulfide.

10th December 1970

129552. Mrs. Nargis Samy Engineer. Improvements in or relating to Attachments for Clothes.

129553. S. K. Giri. An improved electrically operated automatic cooker.

129554. P. S. Lunkad & Sons. Improvements in or relating to splicing-cum-perforating device.

129555. The Dunlop Company Limited. Rubber articles. (10th December 1969).

129556. Goran Emil Laggstrom. A method of purifying sewage and waste liquids and a decocting system for carrying out the method.

129557. Stamicarbon N. V. Process for separating off melamine from a hot synthesis gas mixture which contains melamine vapour.

129558. G. K. N. Birfield Transmissions Limited. Improvements in or relating to Universal Joints.

129559. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of insulated electric cables [Addition to No. 121704].

129560. British Insulated Callender's Cables Limited. Improvements in or relating to Sealing Apparatus.

129561. Ciba-Geigy AG. Process for the dyeing of coloured shaped articles of high polymer, synthetic resins and preparations for such process.

129562. International standard electric Corporation. Automatic telecommunication switching system.

129563. N. V. Philips Gloeilampenfabrieken. Camera tube.

11th December 1970

129564. Council of Scientific & Industrial Research. An improved pneumatic control relay.

129565. Dr. J. P. Agrawal, Smt. Sushila Rani Agarwal and S. K. Agarwal. Improved sprocket for Jumbratta scooter L. I. Model.

129566. Otis Elevator Company. Zoned elevator control system including an arrangement controlling the operation of cars in response to the level of traffic in the zones.

129567. Shell Internationale Research Maatschappij N. V. Process for epoxidizing olefins with hydroperoxides.

129568. Shell Internationale Research Maatschappij N. V. Ethylene polymerization in the presence of complex nickel catalysts containing benzoic acid derivative ligands.

129569. Shell Internationale Research Maatschappij N. V. A process for reducing the total sulphur content of claus off-gases.

129570. Nippon Kokan Kabushiki Kaisha. Method for manufacturing cold rolled steel having excellent drawability.

129571. N. V. Dobrovolskaya. Catalyst for oxidizing ammonia into nitrogen oxide and method of preparing the same.

129572. T. N. Tandon, M. N. R. Bashirah and S. R. Nambirajan. Bogies with suspension system and more particularly to bogies used for goods stock of railways.

129573. G. R. Mansukhani. Improvements in or relating to flushing apparatus. [Addition to No. 121205].

129574. Polymer Corporation Limited. Carton packing device. (27th January 1970).

129575. Boots Pure Drug Company Limited. Pesticidal compounds and compositions. (12th December 1969).

129576. G. Fonda-Bonardi. Fluid-dynamic engine.

Alteration of Date

120743. The claim to priority date 5th April, 1968 has been abandoned and the application dated as of 5th April 1969 the date of filing in India.

122272. The Claim to priority date 15th July 1968 has been abandoned and the application dated as of 15th July 1969, the date of filing in India.

122960. The claim to priority date 14th September 1968 has been abandoned and the application dated as of 29th August 1969, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

120093. Pechiney-Progil. Process for deinsectisation of stored provisions. Accepted on 27th November 1970.

Comprising placing a gelatine container containing a composition of C cl. and a known insecticide, selected from 1 more which enlarge the range of actuating or the rapidity of action of C Cl., on the provisions and rupturing the container.

120125. N. V. Philips Gloeilampenfabrieken. Method of manufacturing filamentary silicon carbide crystals. Accepted on 3rd December 1970.

Characterised in that the crystals are formed by crystallization and or condensation in a crystallisation atmosphere which contains an element of the group III B of periodic Table of the elements other than lanthanum or a compound of such an element, at temperature between 2000°C and 2600°C.

120136. Dr. W. Cordaro. A contact screen for eventual rotogravure direct printing and off set printing. Accepted on 3rd December 1970.

Having transparent points separated by opaque lines, each point having zones with density gradation varing differently in adjacent zones, the opaque lines having at adjacent sides of a point different width, and number of lines in one centimeter at one side of the points different from that at the adjacent side of the points.

120143. General Electric Company. Uranyl-activated strontium zinc pyrophosphate luminescent material. Accepted on 3rd December 1970.

Consisting essentially of strontium zinc pyrophosphate containing less than 80 mole percent of substitutes for strontium and zinc such as barium and cadmium respectively and activated by uranyl ion.

120144. General Electric Company. Ultrafine porous polymer articles and method for making the same. Accepted on 3rd December 1970.

Comprises in corporating a solvent soluble salt of substituted benzoic acid into the polymer body of more ethylenically unsaturated hydrocarbon and these dissolving the salt from the polymer body.

120148. Sumitomo Chemical Company, Ltd. Method for treating a reaction mixture containing hydroperoxides and process for producing an aromatic hydroxy compound and aliphatic ketone. Accepted on 3rd December 1970.

Comprises contacting the hydroperoxide containing mixture with an inorganic alkaline aqueous solution at temperature less than 100°C, and further process step of acid catalysed cleavage to obtain the hydroxy and cationic compound is usual manner.

120166. Air Products and Chemicals Inc. Pesticidal compositions containing thiadiazole derivatives. Accepted on 5th December 1970.

Pesticidal composition comprising atleast one thiadiazole derivatives on its tautomers in admixture with an inert carrier or diluent the active compound being present in an amount between 0.25% and 80% by weight.

120169. Cochran and Company. Improvements relating to fire tube boilers. (6th March 1968). Accepted on 5th December 1970.

Comprising a fire tube having means portions of layer cross-section and portion of smaller cross-section joined by a flexible means.

120183. Wellman-Lord, Inc. Process and apparatus for recovery of SO₂ from a gas stream. Accepted on 7th December 1970.

Comprising treating the gas stream to remove sulfur trioxide, contacting the treated gas stream with an aqueous absorbing solution of metal sulfite, treating spent absorbing effluent to produce sulfur dioxide and regenerate sulfite and recycling regenerated sulfite to said contacting step.

120239. Phillips Petroleum Company. Process for electroplating plastics. Accepted on 10th December 1970.

Comprising conditioning the molded plastic product by contacting with a combination in series of an acid chromate etch and an H F treatment and preplating the resulting conditioned product of the first step with an electrolessly platable metal and electroplating the preplated product of the second step with a final finish.

120257. Council of Scientific and Industrial Research. A process for the treatment of oilseed meal particularly groundnuts and groundnut products to destroy aflatoxin, to remove the nuty odour and to improve its colour and texture. Accepted on 10th December 1970.

The oxidation is carried out by treating a water suspension of oilseed meals, with the said oxidising agent at pH not less than 9.5 and at a temperature not less than 70°C for a duration not less than 15 minutes.

120265. Wellman-Lord, Inc. Recovery of sulfur dioxide from waste gas. (11th November 1968). Accepted on 9th December 1970.

Comprising (a) contacting the gas in the reaction zone with an aqueous absorbing solution of sodium, lithium or beryllium sulfite, (b) removing dissolved sulfite from aqueous solution, (c) decomposing said bisulfite, either simultaneously with or subsequently to the performance of step (b), (d) separating sulphur dioxide vapour produced in step (c), and (e) recycling sulfite removed in step (b) and produced in step (c) to step, (a).

120284. UCB (Union Chimique-Chemische Bedrijven) S. A. A process for the regeneration of alkanolamines from the thermostable products contained in the residue of distillation of the washing liquor used in the purification of gases. Accepted on 9th December 1970.

Comprises distilling the washed liquor and subjecting the distillation residue to heating with an alkali metal hydroxide in stoichionubric quantity for the regeneration of alkanolamine and an amount of water, recovering the organic phase to obtain a distillate containing the regenerated alkanolamine.

120391. Bata Limited. Method and apparatus for the manufacture of articles of footwear or parts thereof. (19th March 1968). Accepted on 10th December 1970.

Comprising a rotatable table plurality of stations thereon having lasting member and side mold member, three upper closure member and three molding cavities and three injection apparatus.

120398. Tsentralny Nauchno-Issledovatel'sky Institut Chernoi Metallurgii Imeni I. P. Bardina. A mould for continuous casting of metal. Accepted on 9th December 1970.

The area of coating both above and beneath the meniscus of molten metal being composed of a plurality of alternating metal and non-metal layers.

120439. Ciba Limited. New phenylureas and herbicidal or microbicidal preparations containing them. Accepted on 10th December 1970.

By reacting meta-thiotrifluoromethyl phenyl isocyanate with O, N-dimethyl hydroxyl amine.

120537. Imperial Chemical Industries Limited. Production of bipyridylum salts and related compounds. Accepted on 5th December 1970.

*Corresponding 1, 1'-disubstituted-4, 4' (or 2, 2') tetrahydro bipyridyl is reacted with sulphur or an organic compound containing at least one *s-s*-linkage.*

120649. B. R. Chinai. Improvements in or relating to one-piece foot bed insoles for moulded footwear. Accepted on 9th December 1970.

Characterised in that the foot bed insole is made with or without a cushioning layer of resilient material sandwiched between insole and bottom sole and the footwear upper is formed integral with the foot bed.

120743. Petrocarbon Developments Limited. Improvements in or relating to the production of propylene oxide propylene glycol or an ester thereof. Accepted on 2nd December 1970.

Comprises reacting propylene with at least one carboxylic acid, at least one corresponding per acid, H_2O_2 and water under controlled condition.

120840. K. S. Nayak. Improvements in or relating to burglar alarms. Accepted on 4th December 1970.

Characterised in that the main electrical switch is a key operated lock switch fitted at a convenient place inside or outside the motor vehicle.

121256. Farbenfabriken Bayer Aktiengesellschaft. Process for working-up crude liquid vinyl acetate. Accepted on 9th November 1970.

The mixture is recycled into an azeotropic distillation column in such a quantity that most of the water present is run off overhead in the form of an azeotropic mixture with the vinyl acetate, and acetic acid free from vinyl acetate and containing little water and most of the ethyl acetate is obtained as the tail product.

121530. Ciba Limited. Process for the manufacture of disazo dyestuffs. [Addition to No. 113814]. Accepted on 27th November 1970.

A bifunctional coupling component is coupled with 2 mols of a derivative of a diazo component.

121650. L. Colandrea. Improvements in and relating to fluid flow indicator. Accepted on 4th December 1970.

Comprising rotatable runner in the fluid flow passage and at the peripheral there is at least one permanent magnet which makes and breaks two electrical contact to operate an indicator circuit.

121654. Containers and Closures Limited. A pilferproof closure seal. Accepted on 4th December 1970.

Characterised in that one of the bridges is stronger than other and a weakening line extends transversely across locking ring below said bridge but away from slits.

121688. Calval Developments Limited. Improvements relating to furnaces. (8th June 1968). Accepted on 7th December 1970.

Comprising a series of fuel burners, a series of combustion air inlet ports, an inlet for waste material to be burnt, and an outlet flue, all located above the hearth.

121696. Council of Scientific and Industrial Research. A process for production of surface active agents of the type of amide of fatty acid monoglyceride sulfonate. Accepted on 7th December 1970.

By preparing an amide of fatty acid and converting its metal salt by any one of either to know reaction and the said salt is then reacted with 1-chloro-2 hydroxy propane sulfonate by refluxing in glycol ether, hydro carbon solvent.

121697. Council of Scientific and Industrial Research. A process for production of surface active agents of the type of ester of fatty acid monoglyceride sulfonate. Accepted on 7th December 1970.

1-chloro-2-hydroxy propane sulfonate is obtained by reaction of epichlorohydrin, with sodium bisulfite, conversion of 1-chloro-2 hydroxy propane sulfonate to fatty acid monoglyceride sulfonate with fatty acid and Na_2Co_3 and finally the product is reacted with malic anhydride and similar organic acids.

121761. Metallgesellschaft A. G. and the Steel Company of Canada Limited. Process of directly reducing iron oxide-containing materials in a rotary kiln. Accepted on 5th December 1970.

Characterized in that the surplus carbonaceous material which has been separated from the matter discharged from the kiln is treated to remove part of the ash therefrom and is then pellitized by a rolling operation with an addition of water and binders and the resulting pellets are charged into the rotary kiln.

121804. K. R. Bhandarkar. Improvements in or relating to a door message indicator. Accepted on 10th December 1970.

Comprising an internally illuminated box having light and shade, a disc drive system, multiway series parallel switch, knob for operating said switch.

121834. Clayton Dewandre Company Limited. Improvements in or relating to fluid pressure operated braking systems. Accepted on 9th December 1970.

In this braking system, normal operating reservoir pressure is determined by compressor unloader means controlled by a governor valve responsive to the reservoir pressure.

121835. Clayton Dewandre Company Limited. Improvements in or relating to relay emergency valves for use in two-line air pressure braking systems. Accepted on 7th December 1970.

Operable to effect application of the trailer brakes and at the same time can be readily adapted or converted for use in a single-line inverted type braking system.

121836. Clayton Dewandre Company Limited. Improvements in or relating to a two-line air pressure braking systems. Accepted on 9th December 1970.

Incorporates an apportioning valve comprising an input piston structure responsive to a signal pressure and arranged to actuate valve means controlling flow of pressure air to the brake actuators.

121857. Clayton Dewandre Company Limited. Improvements in or relating to compressed air braking systems. Accepted on 7th December 1970.

Comprising as a unit a manifold provided with reservoir and brake actuator connections and formed for the attachment of a brake valve or distributor.

121923. Aeroplane and Motor Aluminium Castings Limited. Method of casting metal pistons, and metal pistons so cast. (20th June 1968). Accepted on 10th December 1970.

Wherein said one or more struts are initially formed and then supported by or moulded into a liquid-soluble core or core portion and positioned in the mould whereafter molten metal poured into the mould so that remainder of the piston becomes bonded to the one or more inserts during the casting operation.

121986. Generale d'Equipment. Apparatus for the conservation of milk. Accepted on 5th December 1970.

Comprises a milk vat surrounded by a space filled with a cooling liquid characterised by means for imparting a vortex type gyratory motion to said cooling liquid.

122044. Imperial Chemical Industries Limited. Manufacture of isocyanate reaction products. (8th July 1968). [Addition to No. 105474]. Accepted on 7th December 1970.

Comprises adding an organic diisocyanate to a mixture of at least one compound containing at least two aliphatically bound hydroxyl group and a phenol said mixture containing 1-1.25 aliphatic hydroxyl group and 2-10 phenolic hydroxyl group for each molecule of diisocyanate.

122121. M. Vijay. Improvements in or relating to rotary switches. Accepted on 5th December 1970.

Comprising a plurality of wafers, terminals and other operating parts assembled together in a dust proof housing.

122152. Danfoss A/S. Generator for supplying control signals for striking the controllable rectifiers of an inverted converter. Accepted on 5th December 1970.

Characterized in that means for using out put signals, means for adding and means for employing flanks of the summated signal are provided for quenching all the rectifiers.

122237. Allied Chemical Corporation. Fine denier filaments of a synthetic polymer and yarn produced therefrom. Accepted on 5th December 1970.

Having a cross section consisting of three integrally joined substantially symmetrical legs thereby forming a Y shaped cross section and a modification ratio within the range from about 2.7 to 5.0.

122272. British Insulated Callender's Cables Limited. Improvements in or relating to electric conductors and method and apparatus for their manufacture. Accepted on 9th December 1970.

The apparatus including a cylindrical member with which the wire forming the screen for the conductor engages for controlling the tension in the wire.

122329. C. K. Pun and C. C. Poon. Improvements in or relating to electric dry cells. (24th July 1968). Accepted on 4th December 1970.

Wherein spacing means located in the tubular gap between the depolarising dolly and the wall of the cup electrode for maintaining the dolly out of engagement with the cup wall.

122330. C.K. Pun and C.C. Poon. Improvements in or relating to electric dry cells. (24th July 1968). Accepted on 4th December 1970.

Having a plug made of electrically insulating plastic material mounted in the open end of the cup electrode to seal such open end, the plug being gripped around its periphery by the inturned rim of the cup electrode and having a central aperture whose wall embraces the other end region of the rod electrode.

122353. Montecatini Edison S.p.A. Catalyst based on aluminium fluoride for the fluorination in gaseous phase of hydrocarbons Accepted on 9th December 1970.

Catalyst for fluorination or chlorofluorination reaction of hydrocarbons in the gaseous phase, substantially consisting of aluminium fluoride containing iron, chromium and preferably also nickel compounds.

122355. Electrolytic Zinc Company of Australasia Limited. Improvements relating to the recovery of lead values from solution. (25th July 1968). Accepted on 16th December 1970.

Including leaching the said material with a mixture of ammonium sulphate and aqueous ammonia to produce a supersaturated solution, separating undissolved substances, treating the resulting solution at a temperature higher than that of the leaching stage to cause precipitation of lead therein.

122442. Badische Anilin- & Soda Fabrik Aktiengesellschaft. Substituted acid anilides, process for their preparation and herbicides containing the same. Accepted on 10th December 1970.

Wherein a substituted aniline is reacted with an acid halide.

122507. Joseph Lucas (Industries) Limited. Method of making electrical connections to semi-conductor devices. (9th August 1968). Accepted on 5th December 1970.

Having the head of the connector presenting a convex surface to the surface of the semi-conductor device to make point contact and a generally annular space defined between them into which molten solder flows to solder the connector to the semiconductor device.

122508. Joseph Lucas (Industries) Limited. Headlamp assemblies for road vehicles. (9th August 1968). Accepted on 5th December 1970.

Headlamp mounted pivotally on a support member for movement between an inoperative position when the headlamp is enclosed by vehicle body, and operative position when at least lens of head lamp is exposed, and latch means to retain the head lamp in either of the positions.

122511. Joseph Lucas (Industries) Limited. Contact breaker assemblies for ignition distributors. (9th August 1968). Accepted on 5th December 1970.

In which movable contact is secured to one end of a leaf spring which extends through a passage in the insulating heel member, the spring being engaged as a snap fit with the heel member.

122512. Joseph Lucas (Industries) Limited. Vacuum operable units for use with ignition distributors. (12th August 1968). Accepted on 9th December 1970.

Comprising a spring arrangement urging a diaphragm, dividing the casing of the unit into two chamber and connected to the moving timing plate of the distributor to a position retarding the timing of the engine beyond the normal setting.

122541. Vsesojuzny Nauchno-Issledovatel'sky Institut Textilnogo I lekogo Mashinostroenia. Twisting and forming device for pneumatic spinning apparatus. Accepted on 5th December 1970.

Comprises a yarn forming bowl, a duct, a bushing and a rotatable fibre deflector mounted in a bearing on said bushing.

122678. C. F. Pellicer and M. F. Pellicer. A process for the manufacture of tubes of plastic material, a plant for their production and the tube obtained. Accepted on 5th December 1970.

Comprises concentric layers of which the innermost and the outermost layer consist of synthetic resin and intermediate layers are composed of a mixture of resin and chopped glass fibres.

122756. Orissa Cement Limited. Improved refractory nozzle. Accepted on 9th December 1970.

An outer shell of fire clay is formed with a serrated inner surface and an inner lining of a

chemically bonded refractory mixture having no magnesite is formed *in situ* within the outer shell by ramming chemically bonded refractory mixture.

122802. A. E. Staley Manufacturing Company. A process for forming deformation images and a light-sensitive element capable of forming such deformation images. Accepted on 5th December 1970.

Exposing to actinic radiation in image receiving manner, light sensitive organic layer, applying thereto free flouring powder particles physically embedding the powder particles at the surface of the light sensitive layer, and removing non-embedded particles.

122821. Metallgesellschaft Aktiengesellschaft. Continuous process of producing shaped metallurgical coke. Accepted on 4th December 1970.

Shaped lumps are treated in a first stage for two to five minutes with a heat carrier which is heated to 500° to 600°C and moves concurrently with lumps.

122911. Farbenfabriken Bayer Aktiengesellschaft. Agricultural and horticultural fungicidal composition. Accepted on 10th December 1970.

Comprising reacting 4-iodo-2, 6-dihalogenophenol with alkylsoryanate.

122960. Fisons Limited. Granular fertilizers. Accepted on 5th December 1970.

Comprises tumbling or agitating a mixture containing ammonium phosphate, urea and a potassium salt at temperature 30 to 100°C and in presence of 0.5% to 5% by weight of water based on the weight of the mixture, and subsequently drying the granules, the conditions of drying being such that the temperature of granules after drying does not exceed 100°C.

123042. Arbeitsstelle fur Molekularelektronik. Method and circuit arrangement for the production of photo-masks comprising repetitive patterns of any desired size arranged within a mask field which is definitely displaced with respect to a fixed reference point. Accepted on 9th December 1970.

Comprises repetitive patterns of any desired size arranged in rows, the orthogonal mark field is displaced by definite initial coordinates X_1 and Y_1 with respect to an orthogonal reference system.

123175. Aero-Go., Inc. A fluid bearing device with self-regulating action. Accepted on 9th December 1970.

Comprising an annular body which is hollow and has flexible upper and lower annularly-shaped walls so as to be inflatable to form a torus, and a rigid backing member which is disposed opposite one of the aforesaid flexible annularly shaped walls of the body.

123236. The British Petroleum Company Limited. Catalyst and process for the preparation of olefins using the same. (6th November 1968). Accepted on 5th December 1970.

Comprising rhenium heptoxide and 8 alumina derived from boehmite.

124002. R. M. Bremner and J. M. Frew. Reaming tool. Accepted on 5th December 1970.

Cylindrical housing, attachment means within the housing, a motor mounted within the housing, means for connecting the motor, a rotary shaft connected to the motor, a reaming head mounted on said rotary shaft, plurality of pairs of longitudinally spaced sprockets, endless tracks, series of friction pads and swivel means for connecting a tow cable to the reaming head.

124121. The Century Spg. & Mfg. Co., Ltd. Process for treating man-made and cellulosic fibres for improving the whiteness thereof. Accepted on 5th December 1970.

Introducing in the bright viscose prior to the spinning other subsequent steps, a pigment dye depending on the shade of the untreated fibres and the desired shade in the resulting product.

124141. General Electric Company. Improvements in or relating to semiconductor device with multiple shock absorbing and passivation layers. Accepted on 5th December 1970.

Characterized by means for at least partially protecting semiconductive crystal means from contamination.

124142. General Electric Company. Improvements in or relating to semiconductor devices of the junction type. Accepted on 5th December 1970.

Characterised in that first and second contact means each including a layer of a group VI B refractory metal bonded directly to semiconductive body and a layer of nickel bonded directly to refractory metal layers.

124195. N. V. Philips' Gloeilampenfabrieken. A method of fracturing into pieces a plate of material, a roller arrangement therefor and pieces formed therefrom. Accepted on 5th December 1970.

Comprising two backing rollers, a working roller of magnetic material situated between the two, and magnetic means for subjecting the working roller to a magnetic field applied to hold the working roller in rolling surface contact with backing rollers.

124480. Jervis B. Webb Company. Article handling system for baggage or other cargo. Accepted on 9th December 1970.

Comprises a plurality of cargo trays adapted to be removably carried in each container, a dock having a container and vehicle transfer station and a container and tray transfer station.

124494. Stamcarbon N. V. Cyclic process for the preparation and processing of a hydroxylammonium salt solution. Accepted on 5th December 1970.

The characterising step of replenishing the nitrate ions in the aqueous reaction medium by absorption of nitrous gases therein to form nitric acid.

124798. N. V. Philips' Gloeilampenfabrieken. Colour television picture tube comprising a colour selection electrode. Accepted on 5th December 1970.

Having a screening ring situated on the inside of the screening cone at a place between its ends, and having such a width to prevent inner surface of the screening cone between the screening ring and connection place of screening cone to colour selection electrode from being hit directly by electron rays.

125235. Dorr-Oliver Incorporated. Heat exchange of the tube bundle type. Accepted on 9th December 1970.

Provides a heat exchange unit having a plurality of tube elements surrounded by a casing having an inlet for the incoming hot fluid at one end and an outlet for the spent hot fluid at the other end.

125442. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of allyl acetate. Accepted on 5th December 1970.

Reacting together a mixture of propylenes oxygen and acetic acid in the presence of water in the gaseous phase at a temperature in the range of 50 to 250°C and in the presence of a palladium catalyst.

129093. Calval Developments Limited. Improvements relating to furnaces. [Addition to No. 121688]. [Divisional date 6th June 1969]. Accepted on 7th December 1970.

Provided with a logic system for automatically controlling combustion by sensing pressure in the furnace and regulating a damper.

Opposition Proceedings

(1)

The opposition entered by the Anil Starch Products Limited to the grant of a patent on application No. 99221 made by Corn Products Company and notified in the Gazette of India, Part III, Section 2, dated the 12th December, 1970, is treated as abandoned.

(2)

An opposition has been entered by Harbans Lal Malhotra & Sons Pvt. Ltd. to the grant of a patent on application No. 120345, made by Ashok Ganesh Joshi.

(3)

An opposition has been entered by Tractel Tirfor India Private Limited to the grant of a patent on application No. 122186 made by Pulling & Lifting Machines Private Limited.

Correction of Clerical Errors

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical errors occurring in the specification in respect of patent No. 106719 were corrected on 5th December 1970.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification of patent No. 112342 were corrected on 5th December 1970.

(3)

Under Section 62 of the Indian Patents & Designs Act, 1911 certain clerical error occurring in the specification of patent No. 113566 was corrected on 5th December 1970.

Patents Sealed

96881. 104959. 104960. 115511. 115623. 115729. 116490. 116901. 116909. 116982. 117108. 117119. 117136. 117193. 117219. 117271. 117384. 117387. 117388. 117393. 117424. 117536. 117612. 117719. 117843. 117860. 117885. 118004. 118019. 118185. 118341. 118362. 118482. 118495. 118497. 118637. 118641. 118712. 118717. 118764. 118768. 118800. 118955. 118968. 119255. 119592. 119610. 119867. 120089. 120268. 120460. 120862. 120948. 121615. 122252. 122365. 122383. 122499. 122519. 122762. 122946. 123235. 123269. 123561. 123562. 123637. 123753. 123800. 123837. 124086. 124240. 124916. 125060. 125061. 125353. 126274.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Shiro Kanao, a Japanese national, residing at Osaka-fu, Ibaragi-shi, Takehashi-cho, 12-ban 4-go, Japan, President of Totaku Industrial Co. Ltd. (Totaku Kogyo Kabushiki Kaisha), seek leave to amend the figures of the drawings in respect of patent application No. 114519. (Title :—Flexible plastic hose). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

The amendments proposed by Textron Industries, Inc. in respect of patent No. 111338 as advertised in Part III, Section 2 of the Gazette of India dated the 29th August 1970 have been allowed.

Renewal Fees Paid

56183. 56225. 56226. 56227. 56317. 56392. 59135. 59142. 59145. 59147. 59148. 59199. 59203. 59270. 59272. 59291.

59493. 59526. 59922. 62697. 62760. 62767. 62794. 62959. 62960. 62996. 63446. 63530. 66318. 66339. 66362. 66398. 70206. 70266. 70277. 70287. 70325. 70363. 70399. 70514. 70709. 72247. 74452. 74453. 74475. 74627. 74629. 74753. 74775. 74788. 74820. 74844. 74870. 74927. 74935. 74942. 74944. 74945. 74959. 74996. 75016. 75045. 75066. 75078. 75079. 75080. 75090. 75091. 75351. 75364. 76787. 78469. 79113. 79441. 79646. 79753. 79948. 80040. 80060. 80159. 80160. 80171. 80181. 80182. 80222. 80254. 80255. 80256. 80257. 80258. 80349. 80350. 80365. 80382. 80392. 80432. 80450. 80472. 80512. 81484. 82114. 82342. 83547. 83576. 85590. 85609. 85622. 85627. 85638. 85683. 85719. 85755. 85819. 85836. 85851. 85853. 85856. 85880. 85905. 85920. 85922. 85952. 85962. 85971. 86022. 86067. 86119. 86120. 86121. 86122. 86123. 86139. 86149. 86166. 86168. 86177. 86179. 86189. 86190. 86191. 86192. 86213. 86215. 86217. 86228. 86229. 86242. 86243. 86385. 86408. 86410. 86474. 86610. 86688. 86830. 86851. 87087. 87128. 87144. 87312. 88361. 90391. 90775. 91047. 91198. 91273. 91426. 91561. 91588. 91604. 91620. 91621. 91622. 91641. 91645. 91646. 91685. 91686. 91700. 91703. 91706. 91707. 91721. 91738. 91785. 91786. 91789. 91790. 91791. 91836. 91838. 91896. 91898. 91909. 91980. 91998. 92220. 92364. 92571. 92885. 93088. 93743. 94682. 95263. 95475. 96923. 97001. 97004. 97014. 97072. 97073. 97096. 97113. 97119. 97129. 97157. 97185. 97195. 97196. 97249. 97251. 97257. 97258. 97267. 97284. 97286. 97293. 97309. 97312. 97319. 97323. 97324. 97326. 97360. 97370. 97396. 97412. 97536. 97580. 97614. 97615. 97617. 97645. 97646. 97647. 97648. 97649. 97679. 97842. 97960. 97971. 97977. 97679. 97185. 97971. 97960. 97113. 98094. 98095. 98075. 102130. 102377. 102378. 102380. 102469. 102566. 102645. 102800. 102834. 102870. 102971. 102977. 102988. 102996. 103003. 103028. 103029. 103030. 103044. 103102. 103163. 103191. 103192. 103212. 103217. 103250. 103272. 103308. 103310. 103314. 103342. 103357. 103385. 103380. 103389. 103422. 103489. 103510. 103511. 103526. 103532. 103567. 103578. 103580. 103602. 103603. 103631. 103670. 103682. 103758. 103773. 103774. 103928. 103929. 104454. 104533. 106825. 107161. 107821. 108297. 108332. 108344. 108348. 108352. 108414. 108537. 108538. 108553. 108579. 108625. 108667. 108682. 108686. 108692. 108705. 108709. 108715. 108720. 108724. 108733. 108736. 108745. 108775. 108798. 108799. 108813. 108824. 108834. 108854. 108863. 108875. 108901. 108916. 108936. 109033. 109093. 109118. 109174. 109276. 109466. 109577. 109765. 111588. 113582. 113770. 113771. 113772. 113833. 114032. 114159. 114179. 122712.

Restoration Proceeding

An order has been made on the 27th November 1970 restoring the patent No. 65608 dated as of the 29th October 1958 granted to Manubhai Mulchand Bhavsar for "hanger for garments or the like".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 137610 to 137613. Venkata Ramanish Senti. C/o Ascu Hickson Ltd., 7A, Elgin Road, Calcutta-20, West Bengal. "A Spike grid", June 16, 1970.

Class 1. No. 137300. Karamchand Premchand Private Ltd., Shahibag House, Shahibag, Post Box 28, Ahmedabad-4, State of Gujarat. "Type Font", April 7, 1970.

Class 1. Nos. 137629 to 137634. Asahi Kasei Kogyo Kabushiki Kaisha, a Japanese Company, of 1/25, 1-chome, Dojima-Hamadori, Kita-ku, Osaka, Japan. "A tab", June 23, 1970.

Class 1. No. 137661. Bussani S.p.A., of C. So Poeta Vittorio, Milna, Italy, an Italian Company. "A covering board of electrical units", July 2, 1970.

Class 1. No. 137769. Jaswantlal Arupchand Jhaveri, An Indian Citizen, Jhaveri Industries, 64, Digvijay Plot, Jamnagar, Saurashtra, Gujarat State "A Gland nut" August 1, 1970.

Class 1. No. 137770. Vilas Shankarrao Satardekar, Vilas Narayan Sasane and Vasant Dinkar Satardekar, Indian Nationals, Partners of the firm V. S. Enterprise, and trading as S. B. Satardekar Engineering Works, 1435, A Ward, Kolhapur, Maharashtra. "A Sharidder" August 3, 1970.

Class 1. No. 137677. Norton & Co., 1-16, Baker Thiruvengada Mudali Street, Choolai, Madras-7, an Indian Partnership Firm, "Type founts" July 8, 1970.

Class 1. No. 137787. Shabbir Mechanical & Engineering Works, (Indian Proprietary concern), 24, Calicut Street, 1st floor, Bombay-1. "Bottle opener-cum-seller", August 6, 1970.

Class 3. No. 137284. Jitendra Jathabhai Lodaya, An Indian Citizen, 310, Narsi Natha Street, 3rd floor, Bombay-9, "Powder container-cum-paper weight", April 2, 1970.

Class 3. No. 137294. Goel Plastico Private Limited, Indian Company, 2, Industrial Area, Kirtinagar, New Delhi-15, "Sole for Footwears", April 3, 1970.

Class 3. No. 137295. Shard Ganesh Nadgauda, Alankar Building, Karve Road, Naupada, Thana (Maharashtra) Indian. "State Frames", April 3, 1970.

Class 3. No. 137307. (a) Mrs. Kalpakan Viswanath, (b) Ramaswamy Shankar, 289, Govinda Rao Street, Seshadripuram, Mangalore-20, Mysore State, both of Indian Nationality, "Sealing rings", April 10, 1970.

Class 3. No. 137317. Kayser Enterprise, an Indian concern, 116, Tokarsi Jivraj Road, Next to Jubilee Mill, Bombay, Maharashtra, "Rubber tyre for Vehicle Wheels", April 13, 1970.

Class 3. No. 137318. Standard Ladder Works, an Indian concern, 14, Timber Market Compound, Signal Hill Avenue, Reay Road, Bombay-10. "Wooden Ladders", April 13, 1970.

Class 3. No. 137361. Swan (India) Private Limited, Advani Chambers, Sir P. Mehta Road, Fort, Bombay-1, an Indian Company "Fountain Pen", May 2, 1970.

Class 3. Nos. 137362 to 137363. Swan (India) Private Limited, Advani Chambers, Sir P. Mehta Road, Fort, Bombay-1, An Indian Company, "Ball Point Pen", May 2, 1970.

Class 3. Nos. 137533 and 137534. Mrs. Inis Saxby and Mr. Carlton John Saxby (both of Indian Nationality), Silver Oaks Estate, 45-J, Warden Road, Opp. : Mafatlal Park, Bombay-26, "Container", June 1, 1970.

Class 3. Nos. 137635 to 137640. Asahi Kasei Kogyo Kabushiki Kaisha, a Japanese Company of 1/25, 1-chome, Dojima-Hamadori, Kita-ku, Osaka, Japan, "A tab", June 23, 1970.

Class 5. Nos. 137641 to 137646. Asahi Kasei Kogyo Kabushiki Kaisha, a Japanese Company of 1/25, 1-chome, Dojima-Hamadori, Kita-ku, Osaka, Japan, "A tab", June 23, 1970.

Class 3. No. 137589. Kaycee Plastics Private Ltd., 10-B, Scindia House, Connaught Circus, New Delhi-1, (An Indian Company), "Bucket", June 8, 1970.

Class 3. No. 137539. Ashok Industries, 34-B, Old Anjirwadi, Chapsi Bhimji Road, Mazgaon, Bombay-10, Maharashtra, Indian Concern, "a Bus-window", June 2, 1970.

Class 3. Nos. 137591 and 137592. Rajasthan Electric Co., of 3, Baroda Thakur Lane, Calcutta-7, West Bengal, "a Ferrule", June 8, 1970.

Class 3. No. 137687. Atlas Distributors & Consultants, (Indian Firm), 6 G 1, Court Chambers, 6th floor, New Marine Lines, Bombay-20. "Mirror" July 13, 1970.

Class 3. No. 137690. Supreme Plastico Private Ltd., 205, Rabindra Sarani, Calcutta-7, West Bengal, an Indian Company, "Sole for footwear", July 13, 1970.

Class 3. Nos. 137698 and 137699. Tribeni Investment & Traders Pvt. Ltd., 289/99 Sirkiwala, Kishan Bhawan, Delhi-6, and Indian Comibay, "Sole and heel portion of shoe and sandals", July 15, 1970.

Class 3. No. 137772. Mrs. Nargis Sami Engineer, an Indian Citizen, Crown Building, Uraawalla Street, Bombay-7, Maharashtra, "Muz", August 3, 1970.

Class 4. No. 137297. Khajuraho Arts, At & P.O. Khajuraho, District Chhatarpur, M.P. Indian concern, "Toy", April 7, 1970.

Class 4. No. 137664. Manohar Industries, Nanded, S. C. Rly. Maharashtra, an Indian Firm, "Irrigation inlet", July 2, 1970.

Class 5. No. 137299. Robert B. Pennington, Jr., 17210 Parkland Drive, Shaker Heights, Ohio, 44120, U.S.A., a Citizen of the United States of America, "inlet", July 2, 1970.

Class 10. No. 137697. Supreme Plastico Private Ltd., 205, Rabindra Sarani, Calcutta-7, West Bengal, an Indian Company, "Shoe", July 15, 1970.

S. VEDARAMAN,
Controller General of Patents, Designs
and Trade Marks.